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E-100 Zoom RS Digital Camera FAQ's

Features and Benefits:

* Fast F2.8 to F11, 10x optical zoom lens (35-380mm equivalence to a 35mm camera) offers great flexibility and light weight.
* 2.7x Digital Zoom (Equivalent to over 1,000mm on a 35mm camera)
* Macro, wide-angle, and telephoto add-on lenses (optional accessories) offer even more photographic focal length options.
* 1/10,000 to 16 second shutter speed permits creative control to stop or blur motion.
* 1/2 inch, 1.51 megapixel CCD (1368 x 1024 pixels), RGB Progressive Scan, 28 MHz high speed dedicated processor.
* Image Stabilization System using a gyroscopic sensor reduces camera shake problems even at full telephoto ranges.
* Rapid Shooting sequence mode captures pictures up to an unbelievable 15 frames per second!
* Pre-Capture mode captures up to 5 images even before the shutter button is fully depressed.
* Cancel Shot Recording immediately clears the pre-capture buffer allowing the camera to prepare for another shot.
* QuickTime movie mode capability captures images and sound at up to 30 frames per second.
* Electronic viewfinder (EVF) offers 100% TTL accuracy and complete control information.
* Dual media slot for both SmartMedia and CompactFlash Type I and II cards offers maximum flexibility in storage choices.
* Photometric exposure metering choices offer center weighted average, spot, and multi-spot (up to 8 area selections).
* Video output to a TV and Scene Rotation feature in playback mode.
* Storage-class USB connectivity mounts like a standard hard drive permitting easy drag-n-drop downloads.
* Includes 4 AA-size Ni-MH batteries and charger.
* Includes Camedia Master 2.5, Adobe Photoshop 5.0 LE, and Altamira Genuine Fractals 2.0 plug-in.
- $1,499 suggested street price.

Specifications:

Model name	Olympus CAMEDIA E-100 Zoom RS
Product Type:	Digital EVF SLR Camera with 4.5cm/1.8inch color TFT LCD monitor
Memory:	3V (3.3V) SmartMedia (SSFDC) Card (2MB, 4MB, 8MB, 16MB, 32MB and 64MB)
	CompactFlash Type I & II flash memory

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	One 8MB SmartMedia card including Panorama function is supplied with camera
Recording system:	Still image ; JPEG (DCF: "Design rule for Camera File system"), TIFF (non-compress), DPOF support
	QuickTime Movie at 640 x 480 or 160 x 120
Number of storable pictures:	1: TIFF 1368 X 1024
	7: SHQ JPEG 1368 X 1024
	21: HQ JPEG 1368 X 1024
	24: SQ1 1280 X 960 17: SQ2 1280 X 960
	38: SQ1 1024 X 768 26: SQ2 1024 X 768
	82: SQ1 640x480 66: SQ2 640 X 480
	4 sec. 30 fps Motion JPEG 640 X480
	8 sec. 15 fps Motion JPEG 640 X 480
	8 sec. 30 fps Motion JPEG 160 X 120
	16 sec. 15 fps Motion JPEG 160 X 120
Image pickup element:	1/2 inch CCD solid-state images pickup 1.51 Million Pixel (effective 1.4 Megapixel Image) RGB Progressive Scan
White balance:	iESP full-auto TTL, Preset Manual (Daylight, Cloudy, Florescent and Tungsten) "one touch" Manual
Lens:	Olympus lens 6.4 - 70 mm f2.8 - f3.5, Glass Aspherical Zoom Lens (Equivalent to 35 - 380 mm lens on 35 mm camera) Image Stabilized System with 2.7x Digital Super Telephoto
Filter Size:	49mm. 49-55mm Step-Up Ring or 49-62mm Step-Up Ring needed to attach optional accessory lenses or filters.
Photometric system:	Digital-"ESP" Multi-Pattern metering system. Center-weighted, spot meter, and, (8 area memorized) multi-spot metering
Exposure control:	S-Program mode with Portrait, Landscape, Sports, and Night Scene modes; Programmed auto exposure, Aperture priority, Shutter priority
	Manual exposure +/- 2EV by 1/3EV steps exposure compensation
	Auto Bracketing: selectable from 1/3EV, 2/3 EV and 1EV; 3 or 5 images
	Aperture priority: Wide ; F2.8 - 11.0, Tele ; 3.8 - 11.0, 1/3EV steps
	Shutter priority: 2 - 1/10,000 sec. (Electronic CCD), 1/3EV steps
	Manual exposure: Shutter speed, 16 sec. - 1/10,000 sec.
ISO:	Auto, user selectable, 100, 200, 400 equivalent ISO
Focusing:	iESP TTL or spot system autofocus (contrast detection system) with low-light focus assist illuminator. Focusing range: 24" - Infinity wide-angle, 79" - Infinity telephoto: 4.3" wide-angle macro, 79" telephoto macro. Stepless (iESP AF off in rapid shooting mode).
	Manual focus (manual focus setting by gauge) with focusing range: 24" - Infinity:
AF Illuminator:	Working range: Standard mode: 24"-10 ft. User selectable on/off controls
Viewfinder:	EVF (Electronic Viewfinder) SLR viewfinder 100% accurate image view,

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	(Full Information/Mode AV,SV/Spot/CW/ESP/+/-/AF/Flash/Buffer) .55" Color LCD EVF
LCD monitor:	1.8 inch Wide-View Color TFT LCD monitor with 113,500 pixels
Flash modes:	Synchronization (First-Curtain Synchronization effect, Second-Curtain Synchronization effect)
	5 pin TTL connector for FL-40 or PC sync (Optional bracket and/or cable needed)
Flash working range:	Wide; approx. 30" - 18 ft, telephoto; approximately. 8" - 9 ft (ISO 100)
Flash recycling time:	Less than 6 sec. (at normal temperature with new battery)
Sequence mode:	SHQ JPEG (1368 X 1024) 15/7.5/5/3 frames per sec. up to 10 frames
	HQ JPEG (1368 X 1024) 15/7.5/5/3 frames per sec. up to 16 frames
	SQ1/SQ2 (1280 X 960) 15/7.5/5/3 frames per second up to 21/7
	SQ1/SQ2 JPEG (1024 X 768) 15/7.5/5/3 frames per sec. up to 27/17 frames
	SQ1/SQ2 JPEG (640 X 480) 15/7.5/5/3 frames per sec. up to 47/123 frames
	less than 1.2 second shot to shot at all times (unlimited quantity)
Pre-Capture:	Begins capturing image before shutter release: User adjustable from 1-5 photos
Cancel Shot Recording:	Cancels recording to memory card preparing camera to immediately start shooting.
Self-timer/remote controller:	12-second delay / 2 sec. after optional remote controller operation
	E-10 Remote Cable (Bulb mode disabled)
Setting memorization:	Possible
Outer Connector:	DC input terminal, Data input/output USB interface (Storage Class)
	Video Output terminal (NTSC), external flash terminal for FL-40 (5-pinn TTL) or PC sync with optional cables and bracket.
Operating environment:	32F/0C - 104F/40C, 30 - 90 % Humidity
Storage :	-4F/-20C - 140F/60C, 10 - 90% Humidity
Power Supply:	4 x AA Ni-MH batteries and charger (included)/ 4 x AA Lithium batteries / 2 x Lithium battery CR-V3 (LB-01); Optional C-7AU-AC adapter. Manganese batteries cannot be used.
Date/Time/Calendar:	Simultaneous recording onto image data.
Automatic calendar system:	Up to year 2030
Dimensions:	4.25" (W) x 3.25" (H) x 5.6" (D)
Weight:	21.8oz (without batteries and SmartMedia Card)